



NEW VALLEY PRIMARY SCHOOL REMOTE LEARNING



At New Valley, we
are proud to:

Year 6
Oak



"For all those finding it difficult:
the sun will shine on you again
and the clouds will go away"

THE HAPPY NEWS

@thehappynewspaper

Thursday 4th February 2021



I am very proud of how hard you have ALL been working!



Yesterday, Year 6 had 100% attendance and EVERYONE joined at least one of our calls!



Keep up the fantastic work Year 6 - you are being great role models!



Recommended Daily Timetable

The date: Thursday 4th February 2021

4.2.21



Morning

Don't forget to write the date and subject for each piece of work!

Group 1
Teams call
9-9.30am

9 - 9.30

Group 2
Teams call
9.30-10am

9.30 - 10

Get moving!

10 - 10.30

VIPERS
Reading

10.30 - 11

Break Time

11 - 11.15

Mathematics

11.15 - 11.45

Homework

11.45 - 12

Afternoon

Click Me!

[Wake up with Joe](#)

TIMES TABLES
ROCK STARS

12 - 12.30

Reading

12.30 - 1

Lunch Time

1 - 2

English

2 - 2.30

Music

2.30 - 3

Chill time!

3 pm



Send your work, and any questions, to oak@newvalleyprimary.com



Thursday
4/2/2021



We'll read a bit of the book together and discuss this lesson in our morning call.

English

Today we are learning to: **Be creative!**

Read pages 76-77 of your copy of Clockwork (Resource 3).

Activity

Fritz is under A LOT of pressure to finish his story.

How would YOU end the story?

Look back at the plot updates so far and think about which characters you need to find a resolution for...or an unhappy ending!



Maths

Keep track of our learning journey using Resource 4!

This week we are studying: **Area, perimeter and volume**
Follow the links to the White Rose website to find today's lesson on: **Finding the area of a shape**



Click Me!

Resource 5/6

Lesson video link

Lesson activity sheet link

Today's answers



Wider Curriculum

Music



Mr Shepherd has created music lessons especially for us, so we can have our music lessons like usual on a Thursday afternoon!



WEEK 3: PITCH

WEEK 4: TEMPO

Latin American Music

Have a look at the Latin American music section too!

Click this link to log on to Charanga (email oak@newvalleyprimary.com if you don't know your login).

Session focus: **Tempo**

In Charanga, click on 'Assignments' and then select 'Week 4' to start working your way through this week's lesson. Enjoy!

Remember to take lots of exercise and brain breaks away from your screen during the day!

Visual VIPERS

Watch the video we discussed in our call yesterday. It would be great if you could watch and discuss the video with an adult!

Click Me!



Click here to watch the video!



Activity

What advice would you give to someone who is feeling down or not like themselves?

What advice would you give to someone who thinks their friend is having a hard time?

You could write down your top tips, or you could create a poster on paper, PicCollage or PowerPoint!

TT Rock Stars

Click Me!

Practise your times tables using Times Table Rock Stars!

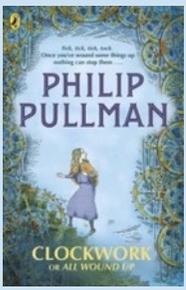


We'll go over this in our afternoon meeting tomorrow.

'Homework'

Have a go at the homework in **Resource 7.**





Resource 1 Clockwork working wall

Setting

Glöckenheim - a small German town

It was a winter's evening...

Royal palace

Sir Ironsoul
- beautiful metal knight sculpture
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it
- The 'Flowers of Lapland' tune deactivates him

Baron Stelgratz
- trusted family friend
- adored by Prince Florian
- chosen as person to sacrifice his heart to save Prince Florian

Princess Mariposa
- desperate for a child
- finally has a baby but he sadly dies

Husband and wife, desperate for an heir.

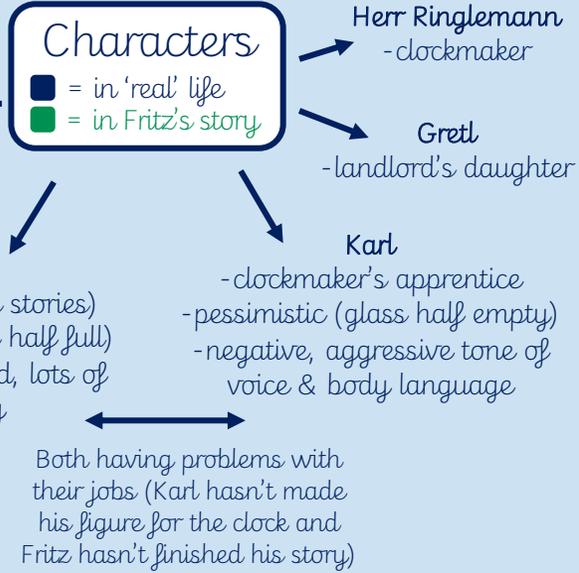
Prince Florian
- made by Dr Kalmenius as a replacement for the Prince and Princess's baby that died
- starts seizing up and developing a mysterious illness aged 5

Dr Kalmenius
- cleverest man in Europe
- rumoured to experiment on dead people
- spectacular clockmaker
- character in Fritz's story

Fritz
- novelist (writes stories)
- optimistic (glass half full)
- supportive friend, lots of empathy

Prince Otto
- goes hunting with his friend (Baron Stelgratz) & son (Prince Florian)
- found dead 2 days later
- clockwork mechanism in the place of his heart

I think Prince Otto was on his way to visit Dr Kalmenius to ask him to fix his son when we heard about him dying in Fritz's story!



Plot updates

PART 3

We are back in the tavern with Gretl and Sir Ironsoul...

Prince Florian enters the tavern, singing 'The Flowers of Lapland', at just the right moment! He deactivates Sir Ironsoul with his singing. Gretl takes Fritz's manuscript out of the fire to find out who the little boy is but she finds that he hadn't finished it. She leaves to go and find him.

Karl returns to the tavern and is baffled to find that Sir Ironsoul has moved. He spots Prince Florian and is delighted. He is an exquisite piece of machinery and Karl decides to use him, instead of Sir Ironsoul, for his big reveal tomorrow. He decides that he will keep Sir Ironsoul and use him as the perfect accomplice to help him become rich! He gets so excited that he loses all sense of what is right...

Gretl finds Fritz's house and goes upstairs to ask about the story. Fritz is in a bad state and says he wishes he never told a story in his life! She tells him that she knows that he didn't finish the story and asks what happens next. Fritz tells her that he dreamt the first part of the story and likes the risk of making stories up as he goes along...

Year 6 trying to keep track of what's happening in Clockwork

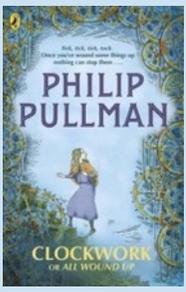


Does Princess Mariposa know that Prince Florian is not her real son, but a replacement?

Queries

Theories

Remember to take lots of exercise and brain breaks away from your screen during the day!



Resource 2 Clockwork working wall

Setting

Glockenheim - a small German town

It was a winter's evening...

Royal palace

Sir Ironsoul
- beautiful metal knight sculpture
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it
- The 'Flowers of Lapland' tune deactivates him

Baron Stelgratz
- trusted family friend
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Husband and wife, desperate for an heir.

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Fritz
- novelist (writes stories)
- optimistic (glass half full)
- supportive friend, lots of empathy

Karl
- clockmaker's apprentice
- pessimistic (glass half empty)
- negative, aggressive tone of voice & body language

Both having problems with their jobs (Karl hasn't made his figure for the clock and Fritz hasn't finished his story)

I think Prince Otto was on his way to visit Dr Kalmenius to ask him to fix his son when we heard about him dying in Fritz's story!

Does Princess Mariposa know that Prince Florian is not her real son, but a replacement?

Queries Theories

When he is 10 years old, Prince Florian's illness returns. The doctor says some time in the woods will help him, like last time. No one wants to take Prince Florian because of what happened to the last 2 people who went into the woods with him - they died! They offer a groom 10 silver pieces and he agrees. He leaves the child and plans to run away because he thinks he is a lost cause. Prince Florian wanders in to an inn. He can't speak, but is singing the Flowers of Lapland...

Prince Otto decides to donate his own heart to save his son (and the royal dynasty). He needs a way to get Prince Florian back to the palace, so Dr Kalmenius puts clockwork in his body to move his arm and let him whip the horses. It works! Prince Florian arrives at the palace safe and sound. Prince Otto is dead but still moving...like we heard in Fritz's story. Everyone in the town starts spreading rumours about what they think happened.

Baron Stelgratz, Prince Otto and Prince Florian set off into the woods. On their way to Dr Kalmenius, Baron Stelgratz is attacked and killed by wolves. Who will donate their heart to Prince Florian now? Prince Otto hopes to find a random person in the woods but there is no one around.

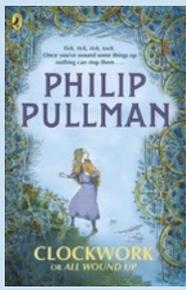
The royal physician prescribes cod liver oil but Prince Otto knows it won't work because the child is not a human. Dr K says he always knew that this would happen but he didn't tell Prince Otto as he was in too much of a rush to ask. Dr K says the only thing that can save Prince Florian is a new heart. Prince Otto plans to use Baron Stelgratz's heart to save his son - Baron Stelgratz doesn't know his plan!

We have jumped back in time to the setting of Fritz's story! Prince Otto and Princess Mariposa desperately want a child (an heir to the throne). Princess Mariposa finally gives birth to a son but he sadly dies shortly after. Prince Otto demands that Dr K makes him a replacement child. After 5 years, Prince Florian starts seizing up and developing a mystery illness.



Year 6 trying to keep track of what's happening in Clockwork

Plot updates PART 2



Resource 2 Clockwork working wall

Setting

It was a winter's evening...

Glockenheim - a small German town

Sir Ironsoul
- beautiful metal knight sculpture
- when he hears a trigger word, he will not stop until his sword is in the throat of the person who says it
- The 'Flowers of Lapland' tune deactivates him

Dr Kalmenius
- cleverest man in Europe
- rumoured to experiment on dead people
- spectacular clockmaker
- character in Fritz's story

Characters
■ = in 'real' life
■ = in Fritz's story

Herr Ringlemann - clockmaker
Gretl - landlord's daughter

Prince Otto
- goes hunting with his friend (Baron Stelgratz) & son (Prince Florian)
- found dead 2 days later
- clockwork mechanism in the place of his heart

Fritz
- novelist (writes stories)
- optimistic (glass half full)
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Karl
- clockmaker's apprentice
- pessimistic (glass half empty)
- negative, aggressive tone of voice & body language

Both having problems with their jobs (Karl hasn't made his figure for the clock and Fritz hasn't finished his story)

I think Dr K is trying to get people to do his dirty work for him - he knew someone would say the trigger!

I think there are lots of stories within the story, like cogs in a clock!

Theories

I think Philip Pullman was inspired by the Rathaus-Glockenspiel clock in Munich, Germany.



Plot updates PART 1

1 The story starts on a winter's evening in the small German town of Glockenheim. Some of the townsfolk were in the White Horse Tavern (pub).

2 Karl's clockmaking apprenticeship with Herr Ringlemann is almost over. It is a tradition that when the apprenticeship comes to an end, the apprentice makes a new figure for the great Clock of Glockenheim.

3 Karl is miserable. He confesses to Fritz that he has not made his figure, and the whole town will think he is a failure when he is meant to unveil it tomorrow.

4 Fritz, an optimist, tries to comfort Karl but it doesn't seem to work. We learn that Fritz's new story is called 'Clockwork'. Fritz is also slightly nervous because he hasn't finished writing it!

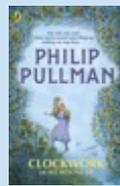
5 Fritz starts telling his story: Prince Otto and a friend take his young son out hunting. The prince's body is found dead, but still moving. When the doctor opens him up, he discovers a clock where his heart should be. He takes it out and the body stops moving. The townsfolk are loving Fritz's story!

6 Just as Karl starts describing a sinister character (Dr Kalmenius) in his story, Dr Kalmenius appears in the tavern (in real life!). Fritz throws his story manuscript into the fire and runs out shouting 'have nothing to do with this man'. Karl stays in the tavern with Dr Kalmenius.

7 Dr Kalmenius offers Karl an incredible metal sculpture - a knight called Sir Ironsoul. Karl discovers that when the knight hears a trigger word, it will not stop until its sword is in the throat of the person who said it (or he hears a special tune). Karl decides to take up Dr K's offer and plans to use it for his grand unveiling tomorrow.

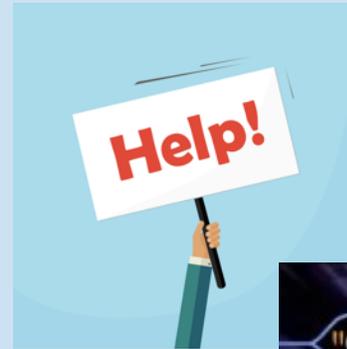
8 Karl leaves Sir Ironsoul in the tavern while he goes out to prepare the clock. Gretl can't go to sleep and is thinking out loud. She accidentally summons Sir Ironsoul. The sheet of canvas falls softly to the floor...

Remember to take lots of exercise and brain breaks away from your screen during the day!



Remember to take lots of exercise and brain breaks away from your screen during the day!

77



Fritz is under A LOT of pressure to finish his story.

How would YOU end the story?

Look back at the plot updates so far and think about which characters you need to find a resolution for...or an unhappy ending!

76



I start telling a story with no idea what's going to happen at the end, and I make it up when I get there. Sometimes it's even better than writing it down first. I was sure I could do it with this one. But when the door opened and the old man came in, I must have panicked ... Oh, I wish I'd never begun! I'll never tell a story again!

'You must tell the end of this one, though,' said Gretl, 'or something bad will happen. You've got to.'

'I can't!'

'You must.'

'I couldn't!'

'You *have* to.'

'Impossible,' he said. 'I can't control it any more. I wound it up and set it going, and it'll just have to work itself out. I wash my hands of it. I'm off!'

'But you can't! Where are you going?'

'Anywhere! Berlin, Vienna, Prague – as far away as I can get!'

And he poured himself another glass of plum brandy and swallowed it all in one go.

THIS IS FRITZ: USELESS, YOU SEE. QUITE IRRESPONSIBLE. BUT THEN FRITZ WAS ONLY PLAYING AT BEING A STORYTELLER. IF HE WAS A PROPER CRAFTSMAN LIKE A CLOCKWORK-MAKER HE'D HAVE KNOWN THAT ALL ACTIONS HAVE THEIR CONSEQUENCES. FOR EVERY TICK THERE IS A TOCK. FOR EVERY ONCE UPON A TIME THERE MUST BE A STORY TO FOLLOW, BECAUSE IF A STORY DOESN'T, SOMETHING ELSE WILL, AND IT MIGHT NOT BE AS HARMLESS AS A STORY.



Resource 4
Maths
working wall

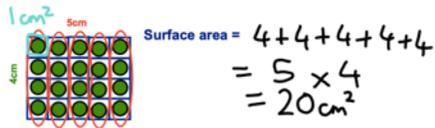
AREA, PERIMETER & VOLUME



This working wall, just like the one in our classroom, will help you keep track of the big ideas in our learning journey.

How do you find the area of a shape?

Do you remember this science experiment in Year 5?! We were investigating whether surface area affected the time it took a parachute to reach the ground!



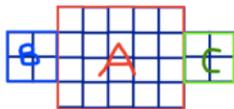
WHAT'S THE BIG IDEA? Area = length x width

OR

Area = width x length

because multiplication is commutative

Area of compound shapes



Area of A = $5 \times 4 = 20\text{cm}^2$

Area of B = $2 \times 2 = 4\text{cm}^2$

Area of C = $2 \times 2 = 4\text{cm}^2$

Total area = $A + B + C$
 $= 20 + 4 + 4$
 $= 28\text{cm}^2$

Click Me!

[Click here](#) to recap the lesson video!

How do you find the area of a shape?

Do you remember this science experiment in Year 5?! We were investigating whether surface area affected the time it takes a parachute to reach the ground!

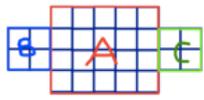


Surface area = $4+4+4+4+4$
 $= 5 \times 4$
 $= 20\text{cm}^2$

WHAT'S THE BIG IDEA

Area = *length* x *width*
 OR
 Area = *width* x *length*
 because multiplication is commutative

Area of compound shapes



Area of A = $5 \times 4 = 20\text{cm}^2$
 Area of B = $2 \times 2 = 4\text{cm}^2$
 Area of C = $2 \times 2 = 4\text{cm}^2$

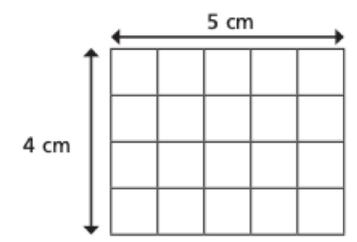
Total area = $A + B + C$
 $= 20 + 4 + 4$
 $= 28\text{cm}^2$



Shapes – same area

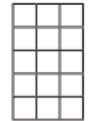
Rose Maths

1 Use the diagram to help you complete the sentences.

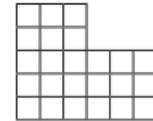


The length of the rectangle is cm.
 The width of the rectangle is cm.
 The total number of squares in the rectangle is
 The area of the rectangle is cm²

2 Work out the areas of the shapes. Each square represents 1 cm²

a)  cm²

b)  cm²

c)  cm²

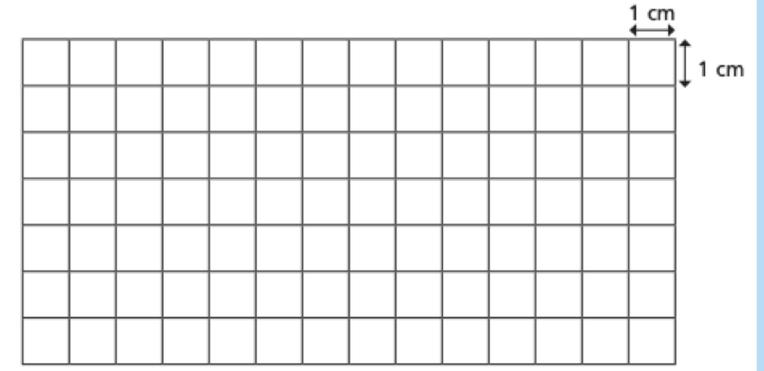
What do you notice?

No need to print! You can just say first, forth, fifth etc...

No need to print! You can just say what size the sides of your rectangles would be!

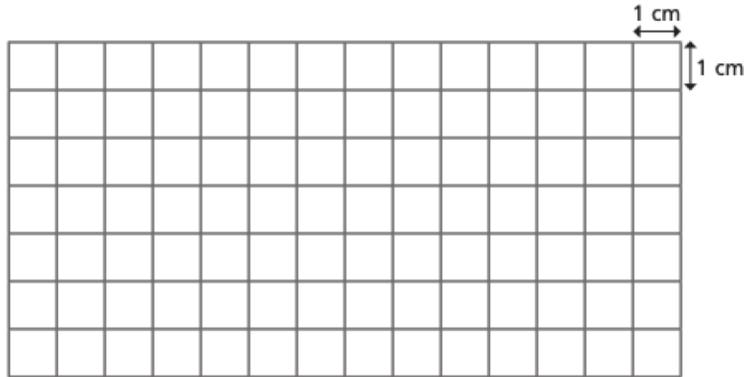
3 Tick the shapes that have an area of 24 cm². Each square represents 1 cm²

4 a) Draw two different rectangles that have an area of 8 cm². Label the side lengths of your rectangles.



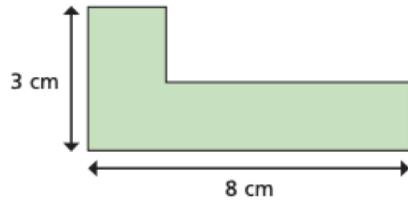
b) Write the factors of 8 _____
 What do you notice? Talk about it with a partner.

5 Draw two different rectilinear shapes that have an area of 12 cm^2



Compare shapes with a partner.

6 Rosie is finding the area of this shape.



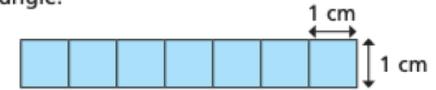
To find the area of the shape, you can multiply 3 by 8, so the area must be 24 cm^2

Do you agree with Rosie? _____

Explain your answer.

No need to print! You can just say what size the sides of your shapes would be, or draw them without the squares!

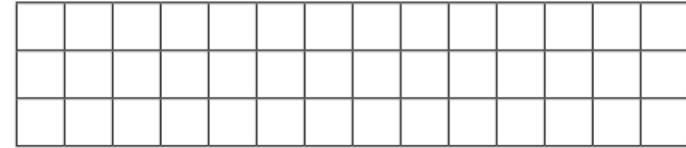
7 Here is a rectangle.



a) Work out the area of the rectangle.

area = cm^2

b) Draw a different rectilinear shape that has the same area.

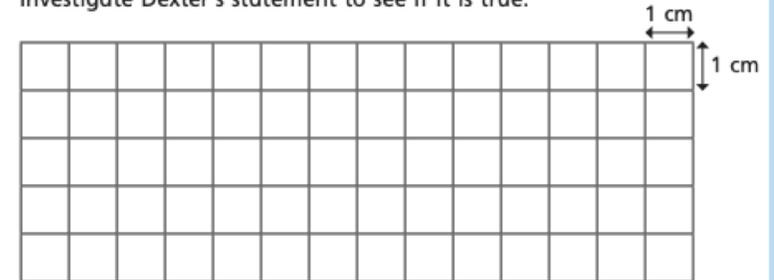


Compare answers with a partner.



It is impossible to have a rectilinear shape with an even area if all its sides are odd numbers.

Investigate Dexter's statement to see if it is true.



Compare your findings with a partner.



Have a go at learning these spellings.
You'll get a new set next Wednesday!

Weekly

Spellings

accommodate

available

competition

determined

suggest

existence

identity

muscle

prejudice

rhyme

Weekly

Mixed skills

4

Add the missing speech punctuation.

- 1) Come here shouted Miss Makely
 - 2) What's wrong asked Melanie
 - 3) Peter said We should go and find out
- Decide whether they underlined word is an adjective or an adverb:

- 1) The children said down quietly.
- 2) You've done that well!
- 3) This is amazing work.

Add a relative clause to each sentence:

- 1) The frogs leapt out of the pond.
- 2) The flowers bloomed in the hedge.
- 3) My cousin bought a piano.

daily



achieve

aggressive

amateur

Flashback 4

1) What is 0.06×7 ?

daily

2) Work out $140 \div 100$

3) Work out $3\frac{1}{2} - 1\frac{7}{8}$

4) Put these lengths in ascending order.

350 metres $\frac{1}{2}$ metre 3 km

Click Me!

[Click this link](#) to see Miss Swainson's handwriting demo!



Over the course of this week, practise writing these Year 6 words in your best joined up handwriting!